FIG. 1

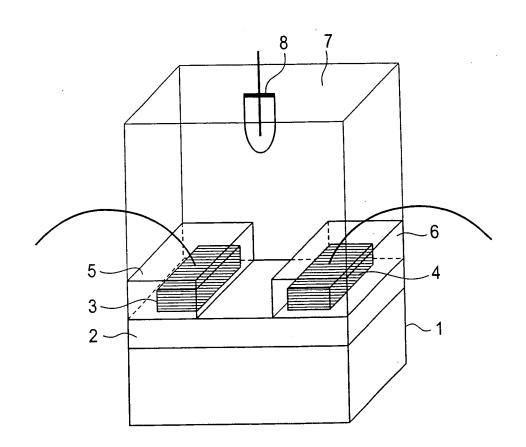


FIG. 2

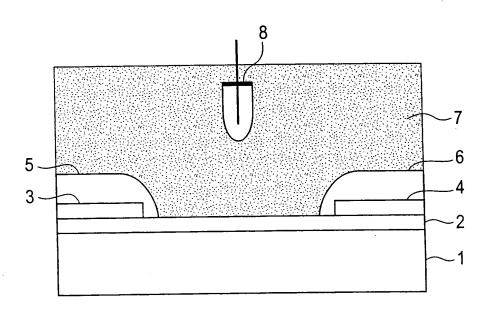


FIG. 3

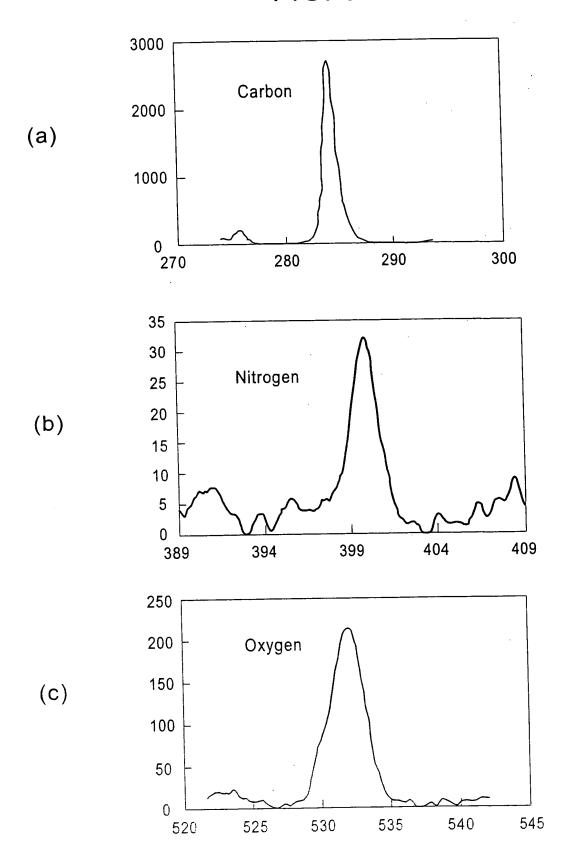
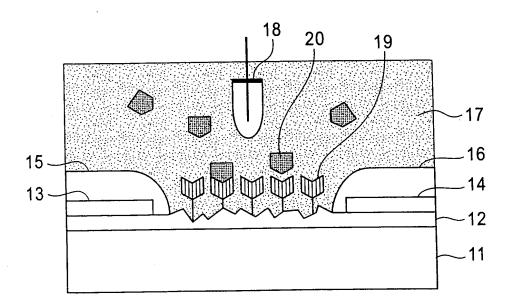


FIG. 4



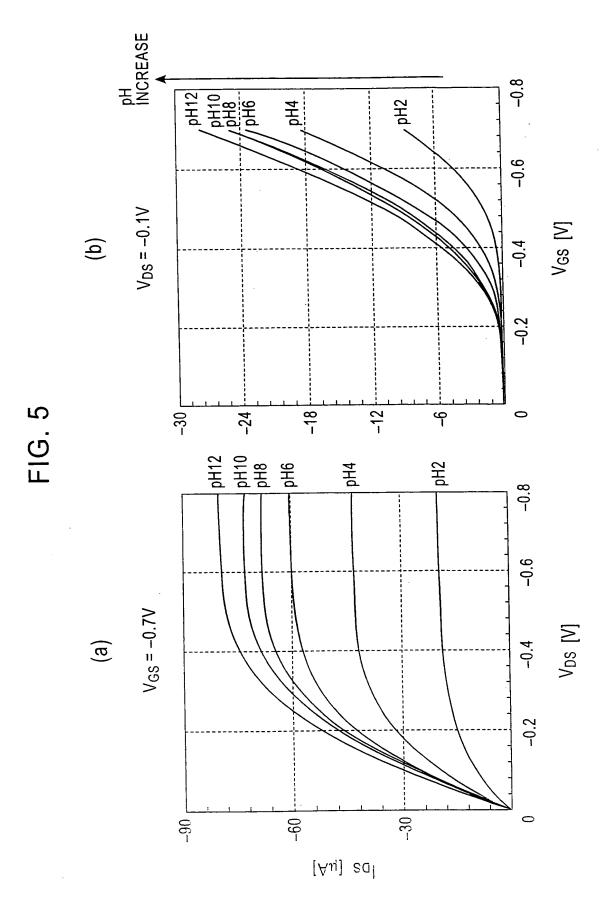


FIG. 6

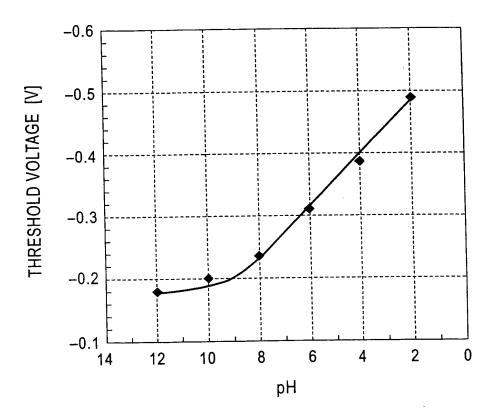
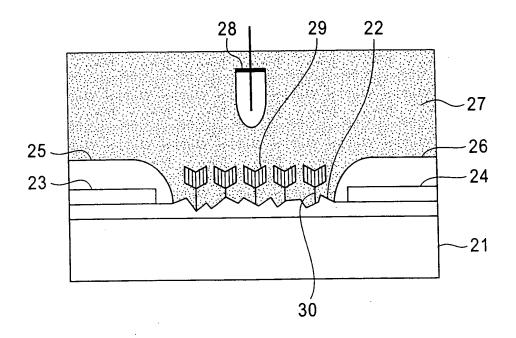
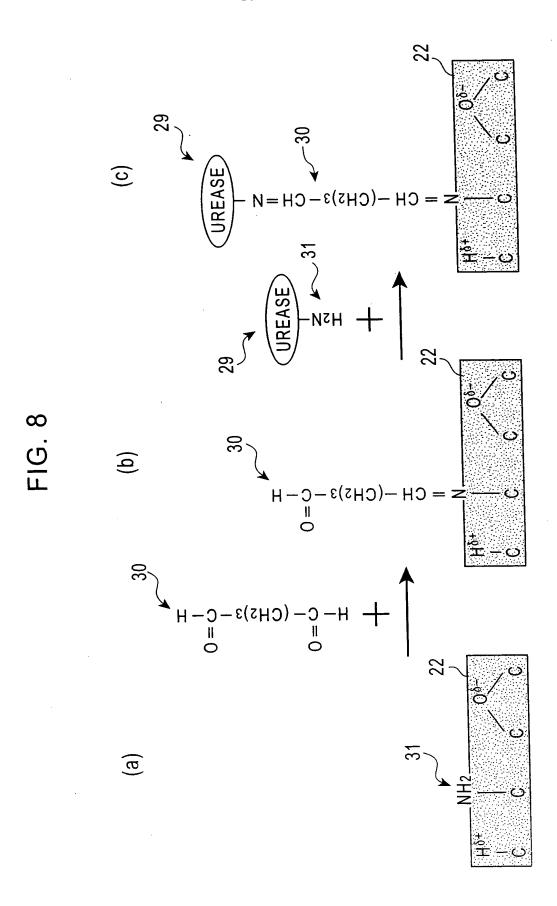
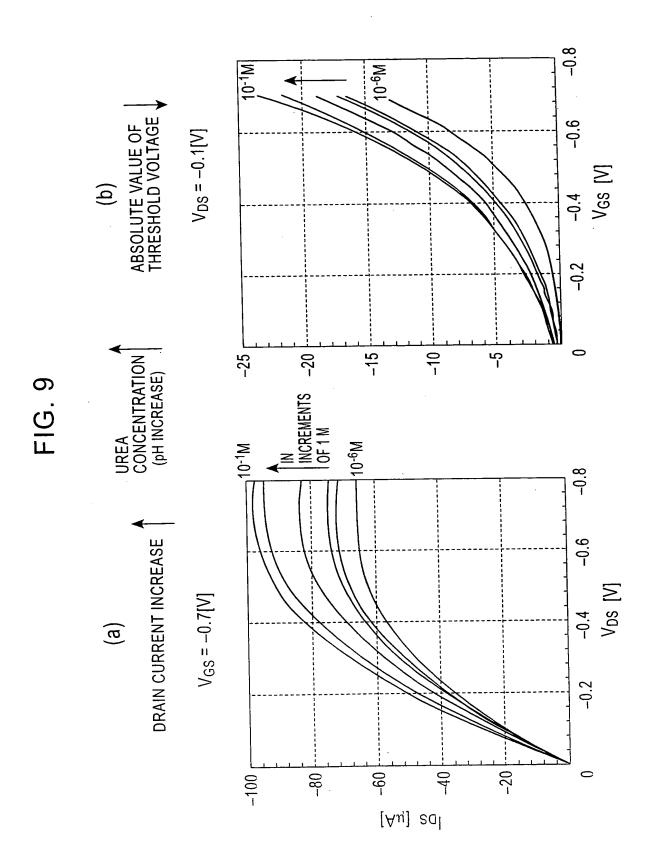
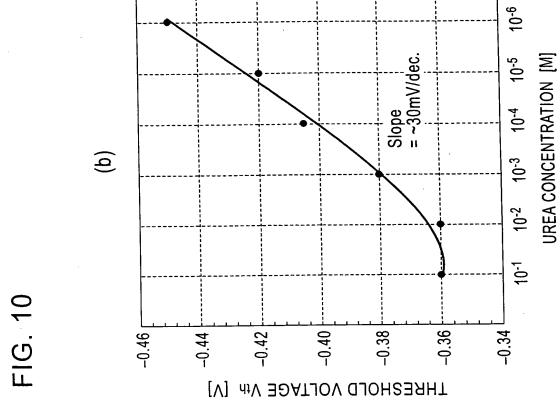


FIG. 7









 $\begin{array}{c} 0 \\ \text{H}_2\text{N} - \overset{\text{II}}{\text{C}} - \text{NH}_2 + 2\text{H}_2\text{O} + \text{H}^+ \end{array}$

(a)

UREASE

H₂0 + H⁺

2NH4+ + HCO3⁻

2NH3 + CO2